	Туре	L#	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	367	((382/100).ccls.) and (watermark\$ or embedd\$)	USPAT	2004/05/10 17:26

	U	1	Document ID	Issue Date	Pages	Title
1			US 6731776 B1	20040504	16	Image recording apparatus
2	Ø		US 6731775 B1	20040504	23	Data embedding and extraction techniques for documents
3	\boxtimes		US 6731774 B1	20040504	55	Associated information adding apparatus and method, and associated information detecting apparatus and method
4	Ø		US 6731409 B2	20040504	19	System and method for generating color digital watermarks using conjugate halftone screens
5	\boxtimes		US 6728408 B1	20040427	28	Water-mark embedding method and system
6	Ø		US 6728390 B2	20040427	17	Methods and systems using multiple watermarks
7	\boxtimes		US 6725372 B1	20040420	21	Digital watermarking
8	⊠		US 6724914 B2	20040420	7	Progressive watermark decoding on a distributed computing platform
9	⊠		US 6724913 B1	20040420	11	Digital watermarking
10	⊠		US 6724912 B1	20040420	7	Digital watermarking of physical objects
11	☒		US 6724911 B1	20040420	21	Robust digital watermarking
12	☒		US 6721440 B2	20040413	27	Low visibility watermarks using an out-of-phase color
13	⊠		US 6721439 B1	20040413	18	Method and system of watermarking digital data using scaled bin encoding and maximum likelihood decoding
14	☒		US 6721438 B1	20040413	10	Image processing apparatus, image processing method, and storage medium
15	☒		US 6721437 B1	20040413	30	Data processing apparatus, coding apparatus, data processing method and coding method
16	Ø		US 6718047 B2	20040406	44	Watermark embedder and reader
17	☒		US 6718046 B2	20040406	14	Low visibility watermark using time decay fluorescence
18	×		US 6718045 B2	20040406	24	Method and device for inserting a watermarking signal in an image
19	☒		US 6714683 B1	20040330	12	Wavelet based feature modulation watermarks and related applications
20	☒		US 6714659 B2	20040330	6	Watermarking an information signal
21	☒		US 6714658 B2	20040330	9	Detection of auxiliary data in an information signal

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	Current OR	Current XRef	Retrieval Classif	Inventor	s	С
1	382/100	358/1.15; 358/3.28; 380/283; 713/176	382/100	Fujiwara, Keiji	⊠	
2	382/100	382/176	382/100	Ancin, Hakan		
3	382/100	380/201; 705/57; 705/58; 713/176; 713/179	382/100	Hosaka, Kazuhisa et al.		
4	358/3.28	382/100	382/100	Wang, Shen-ge		
5	382/232	382/100; 382/294; 713/176	382/100	Echizen, Isao et al.		
6	382/100	382/232; 713/176	382/100	Rhoads, Geoffrey B. et al.		
7	713/176	380/201; 380/202; 380/203; 380/210; 382/100	382/100	Lewis, Arianne M. et al.		
8	382/100	380/51; 380/54; 382/232; 713/176	382/100	Brundage, Trent J. et al.		
9	382/100	380/201; 380/210; 380/287; 713/176; 713/179	382/100	Chen, Trista et al.		
10	382/100	428/195.1; 428/916	382/100	Carr, J. Scott et al.		
11	382/100		382/100	Cox, Ingemar J. et al.		
12	382/100	358/3.28; 386/94; 713/176	382/100	Reed, Alastair M. et al.		
13	382/100		382/100	Levy, Avraham et al.		
14	382/100		382/100	Iwamura, Keiichi et al.		
15	382/100	380/200; 382/235; 382/250; 382/251; 713/176	382/100	Ezaki, Tadashi et al.		
16	382/100		382/100	Rhoads, Geoffrey B.		
17	382/100	358/3.28; 380/201; 713/176	382/100	Reed, Alastair M. et al.		
18	382/100	380/51; 380/54; 713/176	382/100	Donescu, Ioana et al.		
19	382/240	382/100; 713/176	382/100	Tian, Jun et al.		
20	382/100	386/94; 725/20	382/100	Linnartz, Johan P. M. G.		
21	382/100	382/278	382/100	Kalker, Antonius Adrianus Cornelis Maria et al.		

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	Р	2	3	4	5	Image Doc. Displayed	РТ
1						US 6731776	
2						US 6731775	
3						US 6731774	
4						US 6731409	
5				□ .		US 6728408	
6						US 6728390	
7						US 6725372	
8						US 6724914	
9						US 6724913	
10						US 6724912	
11						US 6724911	
12						US 6721440	
13						US 6721439	
14						US 6721438	
15						US 6721437	
16						US 6718047	
17						US 6718046	
18						US 6718045	
19						US 6714683	
20						US 6714659	
21						US 6714658	

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	U	1	Document ID	Issue Date	Pages	Title
22	\boxtimes		US 6711303 B1	20040323	9	Method and computer program for detecting rotation and magnification of images
23	⊠		US 6711277 B1	20040323	8	Method of controlling the reproduction of copyrighted images
24			US 6711276 B1	20040323	20	Control method and apparatus for embedding information in data
25	⊠		US 6707930 B2	20040316	6	Method and arrangement for embedding a watermark in an information signal
26	⊠		US 6707929 B2	20040316	19	Method for analyzing hair and predicting achievable hair dyeing ending colors
27			US 6707928 B2	20040316	6	Method for block-based digital image watermarking
28	☒		US 6707927 B1	20040316	26	Steganographic system, method, program and storage medium therefor
29	×		US 6707926 B1	20040316	21	Template for watermark decoder synchronization
30			US 6704432 B2	20040309	22	Extensible file format
31			US 6704431 B1	20040309	51	Method and apparatus for digital watermarking
32	⊠		US 6700995 B2	20040302	9	Applying digital watermarks using dot gain correction
33			US 6700994 B2	20040302	12	Embedding and detecting a watermark in images
34	Ø		US 6700993 B1	20040302	14	System and method for on-line digital watermark detection
35	×		US 6700992 B1	20040302	7	Adaptive message embedding error diffusion method
36			US 6700991 B1	20040302	16	Hidden digital watermarks in images
37			US 6700990 B1	20040302	92	Digital watermark decoding method
38	×		US 6700989 B1	20040302	55	Device for generating, detecting, recording, and reproducing a watermarked moving image having a copy preventing capability and storage medium for storing program or the moving image
39	⊠		US 6697499 B2	20040224	50	Digital watermark inserting system and digital watermark characteristic parameter table generating method
40	⊠		US 6697498 B2	20040224	10	Method and computer program product for hiding information in an indexed color image
41	☒		US 6697497 B1	20040224	14	Boundary identification and characterization through density differencing
42	☒		US 6694043 B2	20040217	12	Method of monitoring print data for text associated with a hyperlink
43	☒		US 6694042 B2	20040217	17	Methods for determining contents of media
44	⊠		US 6694041 B1	20040217	13	Halftone watermarking and related applications

	Current OR	Current XRef	Retrieval Classif	Inventor	s	С
22	382/289	358/3.28; 382/100; 382/205; 382/278; 382/286; 382/296; 382/298	382/100	Honsinger, Chris W.		
23	382/100	358/3.28; 382/232	382/100	Cok, Ronald S.		
24	382/100	380/51; 380/54; 382/232; 713/176	382/100	Yoshiura, Hiroshi et al.		
25	382/100	380/252	382/100	Kalker, Antonius Adrianus Cornelis Maria et al.		
26	382/100	382/162	382/100	Marapane, Suresh Bandara et al.		
27	382/100		382/100	Acharya, Tinku et al.		
28	382/100	380/277; 382/232	382/100	Kita, Kazumasa et al.		
29	382/100	380/277; 382/232; 713/176	382/100	Macy, William W. et al.		
30	382/100	713/176	382/100	Eversole, Adam Clyde et al.		
31	382/100	713/176	382/100	Ogawa, Hiroshi et al.		
32	382/100	358/3.28	382/100	Reed, Alastair M.		
33	382/100	380/54; 382/215; 382/232; 713/176	382/100	Maes, Maurice J. J. J-B. et al.		
34	382/100	380/201	382/100	Minematsu, Kazuhiko		
35	382/100	358/3.28	382/100	Yu, Qing et al.		
36	382/100	382/250	382/100	Wu, Ja-Ling et al.		
37	382/100		382/100	Rhoads, Geoffrey B.		
38	382/100	348/460; 386/94; 725/20	382/100	Itoh, Hiroyasu et al.		
39	382/100		382/100	Oami, Ryoma		
40	382/100	358/3.09; 382/162	382/100	Kawaguchi, Eiji et al.		
41	382/100	382/199; 382/266	382/100	Jensen, Del et al.		
42	382/100	358/3.28; 382/306	382/100	Seder, Phillip Andrew et al.		
43	382/100	235/454; 382/306	382/100	Seder, Phillip Andrew et al.		
44	382/100	358/3.03; 358/3.05; 358/3.06; 358/3.07; 358/536; 382/232; 382/278	382/100	Brunk, Hugh L.		

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22						US 6711303	
23						US 6711277	
24						US 6711276	
25						US 6707930	
26						US 6707929	
27						US 6707928	
28						US 6707927	
29						US 6707926	
30						US 6704432	
31						US 6704431	
32						US 6700995	
33						US 6700994	
34						US 6700993	
35						US 6700992	
36						US 6700991	
37						US 6700990	
38						US 6700989	
39						US 6697499	
40						US 6697498	
41						US 6697497	
42						US 6694043	
43						US 6694042	
44						US 6694041	

	U	1	Document ID	Issue Date	Pages	Title
45	⊠		US 6694040 B2	20040217	39	Data processing apparatus and method, and memory medium
46	×		US 6693965 B1	20040217	45	Apparatus for and method of embedding and extracting digital information, and medium having program for carrying out the method recorded thereon
47	⊠		US 6690831 B1	20040210	12	Encoding device and encoding method, decoding device and decoding method, information processing device and information processing method as well as a medium
48	×		US 6690813 B2	20040210	21	Method and apparatus for recording and reproducing electronic watermark information, and recording medium
49	⊠		US 6690812 B2	20040210	7	Watermark insertion and extraction into and from a high quality signal is performed using sample rate conversion
50			US 6690811 B2	20040210	30	Methods and apparatus for hiding data in halftone images
51	×		US 6687824 B1	20040203	13	Digital image coding/decoding apparatus and method for recording and restoring a signature image using watermarking
52	Ø		US 6687385 B1	20040203	9	Method for steganographic encoding
53	⊠		US 6687384 B1	20040203	15	Method and apparatus for embedding data in encoded digital bitstreams
54	⊠		US 6687383 B1	20040203	10	System and method for coding audio information in images
55			US 6684093 B2	20040127	5	Medical diagnosis apparatus with patient recognition
56	Ø		US 6683966 B1	20040127	16	Watermarking recursive hashes into frequency domain regions
57	×		US 6683957 B1	20040127	12	Digital image coding/decoding apparatus and method for correcting distorted data in transmitted signals that use watermarking
58	⊠		US 6681029 B1	20040120	107	Decoding steganographic messages embedded in media signals
59	×		US 6681028 B2	20040120	9	Paper-based control of computer systems
60	⊠		US 6678425 B1	20040113	40	Method and apparatus for decoding angular orientation of lattice codes
61	⊠		US 6678392 B2	20040113	10	Method for encoding auxiliary data within a source signal

	Current OR	Current XRef	Retrieval Classif	Inventor	S	С
45	382/100		382/100	Hayashi, Junichi et al.		
46	375/240.19	382/100; 382/175; 382/232; 382/250; 382/251	382/100	Inoue, Hisashi et al.		
47	382/232	380/54; 382/100	382/100	Kondo, Tetsujiro		
48	382/100	348/460	382/100	Kimura, Hiroyuki et al.		
49	382/100	380/238	382/100	Reefman, Derk et al.		
50	382/100	283/94; 358/3.03; 358/3.28; 382/252	382/100	Au, Oscar Chi-Lim et al.		
51	713/176	348/408.1; 382/100; 382/232; 713/179	382/100	Shin, Hyun-doo		
52	382/100	382/226; 382/228	382/100	Handley, John C.		
53	382/100	382/236	382/100	Isnardi, Michael A.		
54	382/100	380/210; 713/176	382/100	Kanevsky, Dimitri et al.		
55	600/407	382/100; 382/115; 382/117; 382/124; 382/128	382/100	Kuth, Rainer		
56	382/100	380/28; 713/179	382/100	Tian, Jun et al.		
57	380/54	324/309; 375/240.11; 382/100; 382/128; 382/232; 382/255; 382/275; 382/277; 600/437; 713/176; 713/179	382/100	Shin, Hyun-doo		
58	382/100		382/100	Rhoads, Geoffrey B.		
59	382/100	348/460; 705/27; 710/200	382/100	Rodriguez, Tony F. et al.		
60	382/289	235/454; 235/494; 382/100	382/100	Flores, L. Noah et al.		
61	382/100	713/176	382/100	Powell, Robert D. et al.		

	Р	2	3	4	5	Image Doc. Displayed	РТ
45						US 6694040	
46						US 6693965	
47						US 6690831	
48						US 6690813	
49						US 6690812	
50						US 6690811	
51						US 6687824	
52						US 6687385	
53						US 6687384	
54						US 6687383	
55						US 6684093	
56						US 6683966	
57						US 6683957	
58						US 6681029	
59						US 6681028	
60						US 6678425	
61						US 6678392	

	U	1	Document ID	Issue Date	Pages	Title
62	×		US 6678390 B1	20040113	10	Method and computer program for embedding and extracting an embedded message from a digital image
63	☒		US 6678389 B1	20040113	25	Method and apparatus for embedding digital information in digital multimedia data
64	☒		US 6674876 B1	20040106	17	Watermarking in the time-frequency domain
65	⊠		US 6674874 B1	20040106	20	Data processing apparatus and method and storage medium
66	☒		US 6674873 B1	20040106	25	Method and device for inserting and detecting a watermark in digital data
67	⊠		US 6671388 B1	20031230	10	Method and apparatus for detecting a watermark in a manipulated image
68	☒		US 6671387 B1	20031230	9	Watermarking of a digitized image
69	Ø		US 6671386 B1	20031230	27	Geometrical transformation identifying system
70	Ø		US 6668069 B1	20031223	19	Method and system for processing digital objects
71	☒		US 6668068 B2	20031223	19	Image attribute altering device and electronic watermark embedding device
72	⊠		US 6665420 B1	20031216	15	Message authentication code with improved error tolerance
73	⊠		US 6665419 B1	20031216	51	Digital watermark inserting system and digital watermark characteristic parameter table generating method
74	Ø		US 6665418 B1	20031216	7	Linear projective data embedding
75	☒		US 6665417 B1	20031216	20	Method of judging digital watermark information
76	⊠		US 6664976 B2	20031216	17	Image management system and methods using digital watermarks
77	×		US 6661905 B1	20031209	13	Method for transmitting data on a viewable portion of a video signal
78	☒		US 6661904 B1	20031209	21	Method and system for automated electronic conveyance of hidden data
79	☒		US 6658135 B1	20031202	21	Recording device
80	☒		US 6654480 B2	20031125	59	Audio appliance and monitoring device responsive to watermark data
81	\boxtimes		US 6654479 B1	20031125	10	Cocktail watermarking on images
82	☒		US 6650763 B2	20031118	41	Method of extracting digital watermark information and method of judging bit value of digital watermark information
83	Ø		US 6650762 B2	20031118	23	Types-based, lossy data embedding
84	☒		US 6650761 B1	20031118	38	Watermarked business cards and methods
85	☒		US 6647130 B2	20031111	107	Printable interfaces and digital linking with embedded codes

	Current OR	Current XRef	Retrieval Classif	Inventor	S	С
62	382/100	380/51; 380/54; 382/209; 382/232; 382/279; 713/176	382/100	Honsinger, Chris W.		
63	382/100		382/100	Sun, Qibin et al.		
64	382/100	380/28; 713/176	382/100	Hannigan, Brett T. et al.		
65	382/100	380/205; 713/176	382/100	Yoshida, Jun et al.		
66	382/100	713/176	382/100	Donescu, Ioana et al.		
67	382/100	382/278	382/100	Op De Beeck, Marc Joseph Rita et al.		
68	382/100		382/100	Chen, Trista et al.		
69	382/100	235/382; 382/296; 382/298; 713/176	382/100	Shimizu, Shuichi et al.		
70	382/100	345/838; 382/173	382/100	Herley, Cormac E.		
71	382/100	380/203; 382/250	382/100	Hashimoto, Masahiro		
72	382/100	380/54; 382/232; 713/176	382/100	Xie, Liehua et al.		
73	382/100		382/100	Oami, Ryoma		
74	382/100		382/100	Honsinger, Chris W.		
75	382/100	380/210; 380/51; 382/232; 713/176	382/100	Yoshiura, Hiroshi et al.		
76	345/634	382/100	382/100	Lofgren, Neil E. et al.		
77	382/100		382/100	Chupp, Christopher Eric et al.		
78	382/100	382/249; 713/176	382/100	Sasich, Philip S. et al.		
79	382/100	358/3.28	382/100	Morito, Hajime et al.		
80	382/100	380/252	382/100	Rhoads, Geoffrey B.		
81	382/100	713/176	382/100	Liao, Hong-Yuan Mark et al.		
82	382/100	713/176	382/100	Echizen, Isao et al.		
83	382/100	704/200.1; 704/219; 704/500; 704/502; 713/176	382/100	Gibson, Jerry Don et al.		
84	382/100	709/217	382/100	Rodriguez, Tony F. et al.		
85	382/100		382/100	Rhoads, Geoffrey B.		

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	P	2	3	4	5	Image Doc. Displayed	РТ
62						US 6678390	
63						US 6678389	
64						US 6674876	
65						US 6674874	
66						US 6674873	
67						US 6671388	
68						US 6671387	
69						US 6671386	
70						US 6668069	
71						US 6668068	
72						US 6665420	
73						US 6665419	
74						US 6665418	
75						US 6665417	
76						US 6664976	
77						US 6661905	
78						US 6661904	
79						US 6658135	
80						US 6654480	
81						US 6654479	
82						US 6650763	
83						US 6650762	
84						US 6650761	
85						US 6647130	

	U	1	Document ID	Issue Date	Pages	Title
86	⊠		US 6647129 B2	20031111	55	Method and system for encoding image and audio content
87	⊠		US 6647128 B1	20031111	87	Method for monitoring internet dissemination of image, video, and/or audio files
88	☒		US 6647127 B1	20031111	17	Method of manipulating image data and a recording medium for recording a processing program thereof
89	⊠		US 6647126 B1	20031111	6	Authorizing the production of visual images from digital images
90	☒		US 6647125 B2	20031111	29	Image processing apparatus, method and recording medium therefor
91	☒		US 6643386 B1	20031104	8	Method and apparatus for adding watermarks to images and/or video data streams
92	×		US 6643384 B1	20031104	6	WATERMARK DATA HIDING APPARATUS, A METHOD OF HIDING WATERMARK DATA, A METHOD OF TRANSMITTING DATA INCLUDING WATERMARK DATA, A RECORDING MEDIUM STORING DATA INCLUDING WATERMARK DATA, A DATA AND WATERMARK DATA READING APPARATUS, AND A METHOD OF READING DATA AND WATERMARK DATA
93	Ø		US 6643383 B1	20031104	17	Method for hiding binary data in a digital image
94	☒		US 6643382 B1	20031104	13	Image processing method, image processing apparatus, image processing system and memory medium
95	⊠		US 6639997 B1	20031028	21	Apparatus for and method of embedding and extracting digital information and medium having program for carrying out the method recorded thereon
96	☒		US 6639996 B2	20031028	17	Image processing apparatus, image processing method and computer readable memory medium
97	⊠		US 6636617 B1	20031021	19	Method and apparatus for inserting and extracting watermark into and from contents information
98	⋈		US 6636616 B1	20031021	8	Method and apparatus for digital watermarking using error diffusion
99	\boxtimes		US 6636615 B1	20031021	20	Methods and systems using multiple watermarks
100	⋈		US 6636613 B1	20031021	6	Method for embedding manipulation-secure digital fingerprints into electronic documents

	Current OR	Current XRef	Retrieval Classif	Inventor	S	С
86	382/100	348/461; 380/210; 704/273	382/100	Rhoads, Geoffrey B.		
87	382/100		382/100	Rhoads, Geoffrey B.		
88	382/100		382/100	Aoshima, Hirokazu et al.		
89	382/100	358/3.28; 382/232; 713/176	382/100	Wen, Xin		
90	382/100	382/299	382/100	Matsumoto, Kentaro et al.		
91	382/100	396/310	382/100	Foster, Ronald R.		
92	382/100	380/202; 713/176	382/100	Naito, Joji et al.		
93	382/100	358/3.28	382/100	Dugelay, Jean-Luc		
94	382/100	358/3.28	382/100	Maeda, Masamine		
95	382/100	381/94.2; 713/186	382/100	Katsura, Takashi et al.		
96	382/100		382/100	Suda, Hirofumi		
97	382/100	382/168	382/100	Sugahara, Takayuki et al.		
98	382/100		382/100	Harrington, Steven J.		
99	382/100	713/176	382/100	Rhoads, Geoffrey B. et al.		
100	382/100	713/176	382/100	Schwenk, Joerg et al.		

	Р	2	3	4	5	Image Doc. Displayed	РТ
86						US 6647129	
87						US 6647128	
88						US 6647127	
89						US 6647126	
90						US 6647125	
91						US 6643386	
92						US 6643384	
93						US 6643383	
94						US 6643382	
95						US 6639997	
96						US 6639996	
97						US 6636617	
98						US 6636616	
99						US 6636615	
100						US 6636613	